

Amendments to the Substitute Specification:

Please amend the substitute specification as follows:

Page 8, please replace the paragraph beginning at line 22 with the following amended paragraph:

The control element 13 which is preferably in the form of a pulling wire is fixed to the distal end 20 of the probe. In the embodiment of Figure 5 fixing is effected by an adhesive 27. In the embodiment of Figure 6 fixing is effected by ~~means of~~ a shrink tube 26. The end 31 of the pulling wire 13 which is guided from the inside through an opening 30 in the wall of the probe 1 is pressed against the outside of the distal end 20 of the probe by the shrink tube 26. The distal end of the control lumen 25 extending through the probe 1 is closed by a closure element 32. The distal portion 24 of the probe which is bendable by ~~means of~~ the control element [[3]] 13 can also be of the ~~design~~ configuration as is known from DE 201 18 886 U or DE 199 28 272 A1.

Page 12, please replace the paragraph beginning at line 8 with the following amended paragraph:

The optical system 6 which includes an illumination and an observation optical system can be inserted into the optical system lumen 5 of the catheter probe 1 through the lumen exit 37. It is also possible to provide separate optical system lumens for the two lines of the illumination optical system and the observation optical system. The respective distal end of the optical system lumen

5 is hermetically closed off by a translucent cover 7. That prevents contamination of the optical system 6 at the target location. The remaining part of the optical system 6 is protected from contamination by the enclosure formed by the catheter probe 1. The optical system 6 can be displaced forwardly in the optical system passage 4 for example by means of an optical system slider [[26]] fitted on to the optical system exit 11, as far as the translucent cover 5 which can be in the form of a glass plate or disc.